It is Sunday the 21st September 2008 and here is ANARTS with our weekly RTTY news bringing you - cast 1513.
Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.
Items in this broadcast include
1. News item
2. IPS Report
3. VK2SG RTTY DX Notes
4. OPDX Bulletin excerpts
5. ARRL DX News
6. Anarts Information
A.N.A.R.T.S. News Bulletin 1513 for 21st September 2008
The sun has reached a milestone not seen for nearly 100 years: an entire month has passed without a single visible sunspot being noted.
The event is significant as many climatologists now believe solar magnetic activity â€“ which determines the number of sunspots -- is an influencing factor for climate on earth.
According to data from Mount Wilson Observatory, UCLA, more than an entire month has passed without a spot. The last time such an event occurred was June of 1913. Sunspot data has been collected since 1749.
When the sun is active, it's not uncommon to see sunspot numbers of 100 or more in a single month. Every 11 years, activity slows, and numbers briefly drop to near-zero. Normally sunspots return very quickly, as a new cycle begins.
But this year -- which corresponds to the start of Solar Cycle 24 -- has been extraordinarily long and quiet, with the first seven months averaging a sunspot number of only 3. August followed with none at all. The astonishing rapid drop of the past year has defied predictions, and caught nearly all astronomers by surprise.
In 2005, a pair of astronomers from the National Solar Observatory in Tucson attempted to publish a paper in the journal Science. The pair looked at minute spectroscopic and magnetic changes in the sun. By extrapolating forward, they reached the startling result that, within 10 years, sunspots would vanish entirely. At the time, the sun was very active. Most of their peers laughed at what they considered an unsubstantiated conclusion.
In the past one thousand years, three previous such events -- the Dalton, Maunder, and SpÃ¶rer Minimums, have all led to rapid cooling. One was large enough to be called a "mini ice age".

IPS Weekly Solar and Geophysical Report for 12th to 18th September, issued on 19th September by the IPS Radio and Space Services.
SUMMARY

Date	12	13	14	15	16	17	18
10cm flux	66	66	67	68	69	67	67
AFr index	0	0	4	11	7	3 (5 estimated)	
Aaus index	1	2	5	11	8	2 (6 estimated)	
T index	7	10	8	7	-1	-2	3

Solar flare activity was very low all week.
Geomagnetic activity observed for the Australian region was quiet on 12th, 13th and 17th; quiet to unsettled on 14th and 16th; quiet to active on 15th; and mostly quiet with some unsettled periods on 18th.
Southern Australian Ionospheric F2 critical frequencies were near predicted to 25 per cent enhanced on 12th to 15th and 17th to 18th; and near predicted to 20 per cent enhanced on 16th.
Forecast for 19th to 25th September.
Solar activity should be low.
Geomagnetic activity should see quiet to unsettled conditions.
Frequencies should be near predicted monthly values.
courtesy of the IPS Radio and Space Services
summary by Pat Leeper VK2JPA

RTDX0918 RTTY DX
VK2SG RTTY DX Notes for the week ending 18th September.
Our thanks this week go only to: AA5AU, GU0SUP, UT5RP, OH2AQ
DXSummit
Bandpass:
Friday 12
0646-14085 JT1DN

0918-14084 SY8L
1209-18105 8Q7KK
1225-18102 E21YDP
1239-14081 VR2XLN
1241-14085 DS1JFY
1251-14082 DV1JM
1302-14084 BT1OJ
1318-14091 E21YDP
1318-14089 YB0DPO
1322-18108 7Z1HB
1347-14088 VU2NKS
1359-14082 A52K
1419-10141 R1FJT
1442-14083 TF3GC
1453-14082 EY8MM
1457-14086 VU2SWS
1516-14089 9K2/SP4R
1718-14085 8Q7KK
1736-14085 TF3PPN
1743-14078 ZP6/DL7UFN
1842-18100 ZP6/DL7UFN
1854-14087 TR9CA
2021-14088 D2NX
2048-14088 FM1FV
2114-14081 E74KC
2140-10140 ZP6/DL7UFN
2336-10146 EA6BH
Saturday 13
0026-18100 ZP6/DL7UFN
0207-18101 E21YDP
0815-18103 VU2NKS
0950-14088 ET3AA
1206-14084 BT1ON
1250-14079 R1FJT
1308-14091 UN1L
1317-14090 YB0JIV
1326-14088 XE3RR
1333-14082 DS1JFY
1334-14079 R1FJT
1355-14095 YB0AN
1357-18100 ZP6/DL7UFN
1358-14093 VU2NKS
1422-14089 7Q7HB
1425-14086 TF3GC
1550-14095 UA2FX
1612-14089 TK5IH
1646-14080 8Q7KK
1706-14087 EW1AK
1735-14086 TF3PPN
1830-14084 OX3DB
2012-14087 6W1SE
2014-14078 ZP6/DL7UFN
2019-14087 ET3SID
2050-14086 FM1HN
2054-14082 CX8CJ
2103-14085 HP1RIS
2123-14088 D2NX
2128-14080 FG5LA
2151-10140 ZP6/DL7UFN
2154-14085 EA6BH
2207-10146 VQ9LA
2234-10142 CT3KN
2325-10143 XE1J

Sunday 14
0031-14082 HP1RIS
0058-10143 T77NM
0108--7041 T77NM
0438-14085 UK8AKK
0845-14085 HG1848I
0937-18106 R2FJT
0945-18104 CT3FQ
1116-14083 BT1ON
1119--7037 D9D
1210-14082 4K9W
1210-14082 EW8CM
1227-14084 YB0EIN
1237-14089 UA2FFW
1252-14087 HL2KV
1308-14082 A45WG
1323-14087 XU7AEB
1414-14084 9Q7KK
1421-14088 VU2NKS
1428-18103 UA2FFW
1441-14083 E20WXA
1444-14090 9V1F1
1451-18106 TI8II
1514-14091 TK5IH
1630-14085 TF3GC
1703-14085 TI8II
1838-14084 ZP6/DL7UFN
1858-14084 EW1AK
1908-14085 J69DS
1811-14090 ET3SID
2052-14083 FM5WD
2058-18104 FM5AA
2201-10146 6W1SE
2225-14083 TF8M
2341-14088 HP1RIS
Monday 15
0007-14085 YS1AME
0136-14089 BT1OB
0224--7039 FM5AA
0702-21085 HL1ARDF
0736-18100 XU7AEB
0943-14086 JT1DN
1009-14086 BT1OY
1043--7041 TI8II
1101-14082 A45WG
1155-14087 YB0JIV
1215-14082 E79D
1239-14085 DS4DBF
1246-18103 8Q7KK
1257-14085 VQ9LA
1307-14082 A52K
1402-14085 9V1F1
1429-14089 7Q7HB
1433-14080 VU2NKS
1523-18103 TM8CDX
1527-14087 TM8CDX
1532-14085 YL2MR
1538-14082 CT2FPY
1605-14080 UA2FFW
1618-10141 8Q7KK
1702-14082 8Q7KK
1810-10143 EA6NB
1927--7034 TM8CDX

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1947--7033 YP2U
1947-14083 ER5GB
2012-14080 CT3DL
2033-14088 TF8SM
2129-14081 HP1AC
Tuesday 16
0523--7034 TM8CDX
0715-14087 TM8CDX
0724-18103 TM8CDX
1049--7041 TI8II
1112-14086 8Q7KK
1152-14086 YB0PAH
1207-14083 A45WG
1215-14085 BT1OH
1237-14084 TI8II
1253-14080 DV1JM
1441-14085 YB0ECT
1446-14089 VU2NKS
1447-14088 9V1F1
1515-14081 YB0PAH
1526-18103 TM8CDX
1540-14084 TF3GC
1545-14087 7Z1HB
1607-14083 V55SRT
1634-14089 TK5IH
1714-14083 UA2FFW
2038-14085 HK6DOS
2049-14080 ER5GB
2052-14080 HI8LAM
2116-14083 CO2GL
2117-14082 CU2AF
2230-14084 XE1YJS
Wednesday 17
0222--7037 UN7PBY
0656-10141 UT9FJ
0939-14081 A45WG
1005-14082 D9D
1131--7026 HC5WW
1155-14087 DV1JM
1217-14086 TI8II
1226-14082 BT1OJ
1233-14082 EW1AK
1243-14085 YB4IR
1244-14087 YB0ECT
1311-14089 HG100WTE
1326-14087 XU7ABN
1328-14089 BT1OY
1340-14086 YB4IR
1357--7035 BT1ON
1413-18103 VU2NKS
1455-14082 FM5AA
1458-14081 TF2CT
1555-14082 4K9W
1604-14082 7Z1HB
1638-14087 UA2FFW
1657-14084 TF3GC
1728-14084 TF3PPN
1826-14084 4L8A
1905-14086 ET3SID
2002-14088 ZB2GG
2125-14092 HC5T
2143-10146 OR1R
Thursday 18
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0632--7034 TM8CDX
0747-14086 RV1AC
0915-14084 JT1DN
1053-14082 UA0FAI
1136--7026 HC5WW
1237-14082 DV1JM
1240-14081 ES1GE
1300-14084 YB0PAH
1317-14080 5P1A
1319-14086 YL2MR
1400-14088 YB0ECT
1431-14085 DS1JFY
1517-14080 VU1NKS
1519-14084 TF3PPN
1616-14086 TI8II
1628-14089 A61CK
1836-18106 TI8II
Note of interest:
WILLIS IS., VK9DWX. A large team of german composed by DJ7EO, DJ9RR, ,DL1MGB, DL3DXX, DL5LYM, DL6FBL, DL8OH, DL8WPX, DJ5IW and SP5XVY will be active from Oct. 9th to Oct. 27th from 160 to 10 meter on CW, SSB, and RTTY with four station High power more details at: http://www.vk9dwx.de/index.php
TUVALU, T2. Look for Anci, JA2ZL active from Oct. 14 to 21st from OC-015 from 80 to 10m on SSB, RTTY and SSTV using small amplifier with loops, and verticals antenna. QSL OK via JARL Buro or direct: Anci Yamada, 17-8-2 Takiro-cho, Tazimi, 507-0813 Japan
You can also subscribe to the digital-dx reflector - send an e-mail message to majordomo@mla.nifty.ne.jp as follows: Subject: (blank) Message Body: subscribe digital-dx
For next week's bulletin, send your bandpass and notes of interest to Don, AA5AU, e-mail: aa5au@bellsouth.net
Gl de (DX2) Luciano, I5FLN
e-mail luciano.fusari@alice.it

The Ohio/Penn DX Bulletin No. 875 - excerpts
5H, TANZANIA (IOTA Op)
Arno, DL1CW, is now active as 5H3AP. Length of stay is unknown. He has been very active on 30 and 17 meters, usually operating CW and RTTY. Reports indicate he will activate Mafia Island (AF-054) between September 22nd and October 1st. QSL via his home callsign, the DARC Bureau is preferred.
9H, MALTA
Naoyuki, JK1FNL, will be active possibly as 9H3F or 9H3FF between September 19-24th. Activity will be on 40/30/20 meters using CW, SSB and RTTY. QSL via his home callsign.
ER0, MOLDOVA
Serge, UR5FEO, will be active as ER0FEO during the CQWW DX RTTY Contest (September 27-28th) as a Single-Op/All-Band/Low-Power entry. QSL via UU0JM.
FM, MARTINIQUE
Freddy, F5IRO, will once again be here. He has received a new work assignment in Martinique (IOTA NA-107, DIFO FM-001, WLOTA 1041) where he is expected to be here starting September 21st through the end of February 2009. His callsign is not yet known, but possibly FM/F5IRO. Activity will be limited because of his work, usually during his spare time in the evenings starting around 2200z, and during the weekends. Using a FT-857D into a V40 and G5RV (HM) antenna, look for him on 40/30/20 meters operating CW, the Digital modes and a little SSB.
IOTA NEWS
AS-026. Han/DS2GOO and his XYL will be taking a trip to Cheju Island (LH0686), October 3-5th. Look for Han to sign DS2GOO/4 and be active on 80-10 meters using CW, SSB and the Digitals modes during his local evening hours. QSL via his home callsign.
EU-028. (UPDATE) Members of A.R.I. Torino and Wave Master Team will be active as

IA5IG from Giglio Island (IIA GR-002), September 24-28th. Activity will be on 160-2 meters using CW, SSB and the Digital modes. They will have 2 or 3 stations on the air. Operation will take place on the following frequencies depending on propagation and QRM:
CW - 1835, 3530, 7030, 10115, 14040, 18095, 21040, 24920, 28040 and 50098 kHz
SSB - 1842, 3755, 7065, 18128, 14260, 21260, 24950, 28460, 50160 and 144310 kHz
RTTY (fsk) - 7039, 10141, 14085, 18102 and 21085 kHz
PSK31 (Band Plan Region 1).
They will be active from 3 locations: Giglio Castello (elev. 405m), Campese (at sea level) and a mobile station for activation of 5 Giglio Island castles (DCI references GR054, GR055, GR056, GR057 and GR058).
SA-066. Members of the 4M5DX Group will be active as YW1TI from Toas Island in early November. Activity will be on 160-6 meters using CW, SSB and RTTY. Team members are: Alex/YV5SSB (team leader, SSB), Manuel/YY4MP (SSB), Rafael/YY4RN (CW/SSB), Franco/YV1FM (CW/Digi), Rainer/YV5EU (CW), Olli/OH0XX (CW), Jesus/YV5MSG (SSB), Jose/YV5TX (Web/Logistci) and Andreina/ YY4AND (SSB). More details will be forthcoming. Visit their Web site at:
http://yw1ti.4m5dx.info
KG4, GUATANAMO BAY
Stu, K4MIL, will be operating from GITMO as KG4SS from September 23rd through October 7th. He will be active on all HF bands, primarily RTTY with some SSB. QSL via K4MIL direct, by the Bureau, or LoTW.
LIGHTHOUSE ACTIVITY
Members of Radio Club "Karlovac" (9A1CVW) plan to activate the following Croatian island/lighthouses situated in the IOTA Dalmatia North Group (EU-170):

CI-003 Arta Mala	CI-402 Obrovanj
CI-004 Arta Vela	CI-403 Sipnata
CI-294 Artica Vela (LH-0322)	CI-487 Gubavci
CI-097 Radelj	CI-488 Prisnjak Mali
CI-153 Zminjak	CI-651 Vrtlic
CI-244 Obun	CI-652 Loncaric
CI-245 Kozina	CI-655 Misine (LH-1119)
CI-256 Malinjak	CI-374 Prisnjak (not IOTA, LH-1492)
CI-401 Oblik	CI-413 Tegina (not IOTA)

They will have two stations on the air at the same time on SSB but only on 40 and 20 meters. Look for them to sign 9A1C/p between September 26-28th. QSL via 9A1CVW. More details available at:
http://www.inet.hr/9a6aa/iocaplan.htm
T8, PALAU
Naito, JF2IWW, will be active as T88IW from Koror Island (OC-009) between September 20-28th. Activity will be on the 80-6 meters using CW and SSB. Also look for him on the satellites. QSL T88IW via JF2IWW.
ZS8, MARION ISLAND
There is still no activity reported. For updates and the first official announcement of ZS8T being on the air, please visit the official ZS8T Web site at:
http://zs8t.net

ARLD039 DX news for 18th September 2008
TANZANIA, 5H. Arno, DL1CW is QRV as 5H3AP. His length of stay is unknown. Activity of late has been on 30 and 17 meters using CW and RTTY. He will be active from Mafia Island, IOTA AF-054, from September 22 to October 1. QSL to home call.
MADAGASCAR, 5R. A group of operators are QRV from Sainte Marie Island, IOTA AF-090, as 5R8GM using SSB, 5R8JM using CW, 5R8IM using RTTY, SSTV, PSK31 and JT65 and 5R8EM running 2 meter EME, respectively, until September 27. Activity is on 160 to 2 meters. QSL all calls via F1BCS.
KENYA, 5Z. Valery, RW1AU is QRV as 5Z4/RW1AU from Nairobi. His length of stay is unknown. Lately he has been active using SSB on 20 meters. QSL via K5XK.
MALDIVES, 8Q. Mark, M0DXR and Gemma, 2E0WPX will be QRV as 8Q7XR from September 22 to October 5. Activity will be on 40 to 10 meters

using CW and SSB. QSL via M0DXR.
MALTA, 9H. Naoyuki, JK1FNL is QRV as either 9H3F or 9H3FF until September 24. Activity is on 40, 30 and 20 meters using CW, SSB and RTTY. QSL to home call.
BOTSWANA, A2. Sigi, DL7DF, Manfred, DK1BT, Wolfgang, DL4WK, Andy, DL5CW, Frank, DL7UFR and Leszek, SP3DOI will be QRV as A25/DL7DF from September 23 to October 6. Activity will be on 160 to 10 meters, with two stations, using CW, SSB, RTTY, SSTV and PSK31. QSL via DL7DF.
MOROCCO, CN. Gab, HA3JB will be QRV as CN2IPA from September 21 to October 5. Activity will be on the HF bands using CW, RTTY, SSTV, PSK and some SSB. This includes an entry in the upcoming CQ WW RTTY contest. QSL to home call.
MOLDOVA, ER. Special event station ER600B is QRV until October 8 to celebrate the 600th anniversary of the city of Bendery. QSL direct via RW6HS.
MARTINIQUE, FM. Freddy, F5IRO is QRV as FM/homecall until February 2009. Activity is on 40, 30 and 20 meters using CW, SSB and various digital modes in his spare time and on weekends after 2200z. QSL to home call.
ITALY, I. Mediterraneo DX Club operators are QRV as IQ8MD/p from Dino Island, IOTA EU-144, until September 21. Activity is on 80 to 10 meters using SSB, RTTY and some CW. QSL direct via IZ8BGY.
SVALBARD, JW. Operators LA7WCA, LA8BCA and LB9UE are QRV as JW7WCA, JW8BCA and JW/LB9UE, respectively, until September 26. Activity is on 160 to 10 meters using SSB and some CW. QSL JW7WCA via LA7WCA and all others via operators' instructions.
MARKET REEF, OJ0. Pertti, OH2PM, Ilmo, OH2BO, Henry, OH3JR and Lars, OH0RJ are QRV as OJ0B until September 29. Activity is on 160 to 10 meters with two stations. This includes entries in both SAC contests. QSL via OH2BH.
PALAU, T8. Naito, JF2IWW is QRV as T88IW from Koror Island, IOTA OC-009, until September 28. Activity is on 80 to 6 meters using CW and SSB. He will also be active on various satellites. QSL to home call.
COTE d'IVOIRE, TU. Tom, DB1DT is QRV as TU/DB1DT until September 28. QSL to home call.
BENIN, TY. Sam, F6AML is QRV as TY6A until September 24 and is active on 80 to 10 meters using CW and SSB. QSL to home call.
HONG KONG, VR. Vincent, F4BKV is QRV as VR2/homecall until September 2009. He is active using mostly PSK31 with some SSB on various HF bands. QSL via operator's instructions.

The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.
73â€™s from Pat VK2JPA broadcast Officer.